

Appl. No. 10/709,610
Amdt. dated January 24, 2006
Reply to Office action of November 01, 2005

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A scanner comprising:
 - a linear light source having a length along a line for generating light;
 - 5 a reflective piece including one protrusion for reflecting the light from the light source, the reflective piece located on a first side of the light source and having a length running substantially parallel to the line except at the protrusion where the length is angled with respect to the line;
 - a lens for transmitting the light from the light source and the reflective piece, the lens
10 located on a second side, which is opposite the first side, of the light source;
and
 - a sensor for detecting the light from the lens.
2. (Original) The scanner of claim 1 wherein the protrusion is located at the center of
15 the reflective piece for reflecting part of the light from the light source to two sides of the light source.
3. (Original) The scanner of claim 1 wherein the reflective piece further comprises a
20 dark section decreasingly distributed from the center to the two sides of the reflective piece for absorbing part of the light from the light source.
4. (Original) The scanner of claim 3 wherein the reflective piece comprises two
protrusions located at two sides of the dark section for reflecting the part of the light
from the light source to the two sides of the light source.
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5. (Original) The scanner of claim 1 wherein the protrusion of the reflective piece is triangular.

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6. (Original) The scanner of claim 1 wherein the protrusion of the reflective piece is arc-shaped.
7. (Original) The scanner of claim 1 wherein the scanner is a paper feed scanner.
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8. (Original) The scanner of claim 1 wherein the scanner is a flatbed scanner.
9. (Original) The scanner of claim 1 wherein the light source is a fluorescent tube.
- 10 10. (Original) The scanner of claim 1 wherein the sensor is a charge coupled device (CCD).